

The Drinking Water Program: An Overview

The EPA established the Public Water System Supervision (PWSS) Program under the authority of the 1974 Safe Drinking Water Act (SDWA). Under the SDWA and its 1986 and 1996 Amendments, EPA sets national limits on contaminant levels in drinking water to ensure that the water is safe for human consumption. The Agency also regulates how often public water systems (PWSs) monitor their water for contaminants and report the monitoring results to the states or EPA. Generally, the larger the population served by a water system, the more frequent the monitoring and reporting (M/R) requirements. In addition, EPA requires some PWSs to monitor for unregulated contaminants to provide data for future regulatory development. Finally, EPA requires PWSs to notify their customers when they have violated these regulations.

The SDWA applies to the 50 states, the District of Columbia, Indian Lands, Puerto Rico, the Virgin Islands, American Samoa, Guam, and the Commonwealth of the Northern Mariana Islands.

The SDWA allows states, tribes and territories to seek EPA approval to administer their own PWSs Programs. The authority to run a PWSs Program is called ‘primacy’. For a state to receive primacy, EPA must determine that the state meets certain requirements laid out in the SDWA and the federal regulations, including the adoption of drinking water regulations that are at least as stringent as the federal regulations and a demonstration that they can enforce the program requirements. Of the 56 states and territories, all but Wyoming and the District of Columbia have primacy. EPA regional offices administer the PWSS programs within these two jurisdictions.

The 1986 SDWA Amendments gave Indian tribes the right to apply for and receive primacy. EPA currently administers PWSs programs on all Indian lands except the Navajo Nation, which was granted primacy in late 2000.

The 1996 Amendments to the SDWA require consumer notification to include a clear and understandable explanation of the nature of the violation, its potential adverse health effects, steps that the PWS is undertaking to correct the violation and the possibility of alternative water supplies during the violation.

2014 Annual State Public Water Supply (PWS) Report

Section 1414(c)(3) of the SDWA requires states to provide EPA with an annual report of violations of the primary drinking water standards. This report provides the numbers of violations in each of six categories: Maximum Contaminant Levels (MCLs), Maximum Residual Disinfectant Levels (MRDLs), treatment techniques (TTs), variances and exemptions, significant monitoring violations, and significant consumer notification violations. Each quarter, primacy agencies submit data to the Safe Drinking Water Information System (SDWIS/FED), an automated database maintained by EPA. The EPA regional offices report the information for Wyoming, District of Columbia, and all Indian lands but the Navajo Nation. The data submitted includes, but is not limited to, PWS inventory information, MCL violations, MRDL violations and monitoring/reporting violations. EPA Regional offices also report federal enforcement actions taken. Data retrieved from SDWIS/FED form the basis of this report.

Public Water System

A PWS is defined as a system that provides water via piping or other constructed conveyances for human consumption to at least 15 service connections or serves an average of at least 25 people for at least 60 days each year. PWSs can be community systems (such as towns), nontransient noncommunity systems (such as schools or factories), or transient noncommunity systems (such as rest stops or parks). For this report, when the acronym ‘PWS’ is used, it means systems of all types unless specified in greater detail.

Maximum Contaminant Level

Under the SDWA, the EPA sets national limits on contaminant levels in drinking water to ensure that the water is safe for human consumption. These limits are known as MCLs.

Maximum Residual Disinfectant Level

The EPA sets national limits on residual disinfectant levels in drinking water to reduce the risk of exposure to disinfectant byproducts formed when public water systems add chemical disinfectant for either primary or residual treatment. These limits are known as MRDLs.

Treatment Techniques

For some regulations, the EPA establishes TTs in lieu of an MCL to control unacceptable levels of certain contaminants. For example, TTs have been established for viruses, some bacteria, and turbidity.

Variances and Exemptions

A primacy state can grant a PWS a ‘variance’ from a primary drinking water regulation if the characteristics of the raw water sources reasonably available to the PWS do not allow the system to meet the MCL. To obtain a variance, the system must agree to install the best available technology, TTs, or other means of limiting drinking water contamination that the Administrator finds are available (taking costs into account), and the state must find that the variance will not result in an unreasonable risk to public health. The variance shall be reviewed not less than every 5 years to determine if the system remains eligible for the variance.

A primacy state can grant an ‘exemption’ temporarily relieving a PWS of its obligation to comply with an MCL or TT, or both, if the system's noncompliance results from compelling factors (which may include economic factors) and the system was in operation on the effective date of the MCL or TT requirement. The state will require the PWS to comply with the MCL or TT as expeditiously as practicable, but not later than 3 years after the otherwise applicable compliance date.

Monitoring

A PWS is required to monitor and verify that the levels of contaminants present in the water do not exceed the MCL or MRDL. If a PWS fails to have its water tested as required or fails to report test results correctly to the primacy agency, a monitoring violation occurs.

Significant Monitoring Violations

For this report, significant monitoring violations are generally defined as any significant monitoring violation that occurred during the calendar year of the report. A significant monitoring violation, with rare exceptions, occurs when no samples were taken or no results were reported during a compliance period.

Consumer Notification

Every community water system is required to deliver to its customers a brief annual water quality report, ‘Consumer Confidence Report’ (CCR). This report is to include some educational material, and will provide information on the source water, the levels of any detected contaminants, and compliance with drinking water regulations.

Significant Consumer Notification Violations

For this report, a significant consumer notification violation occurred if a community water system completely failed to provide its customers the required Consumer Confidence Report (CCR).

Public Notice Violations

The Public Notification Rule requires all PWS to notify their customers any time a PWS violated a national primary drinking water regulation or has a situation posing a risk to public health. Notices must be provided to persons served (not just billing consumers).

OBTAINING COPY OF 2014 PUBLIC WATER SYSTEMS REPORT

As required by the Safe Drinking Water Act, Alabama has made the 2014 Public Water Systems report available to the public. Interested individuals can obtain a copy of the 2014 Annual Public Water Systems Report for Alabama by accessing:

State Website: adem.state.al.us
Telephone: (334) 271-7791
E-Mail: tsd@adem.state.al.us
Contact Name: Tom Deloach

Public Water Systems in Alabama

Five hundred and ninety-eight (598) PWSs provided drinking water to Alabama residents in 2014. Five hundred twenty-four (523) were community water systems, 21 were non-transient non-community (NTNC) water systems and 54 were transient non-community (TNC) water systems. Table 1 below shows a break down of water systems in Alabama by size and type. Table 2 shows the percentage of water systems in Alabama by size and type

Table 1

Population Served	Community Systems	NTNC Systems	TNC Systems	Total Number of Systems
Less than 501	32	10	53	95
Between 501 and 3,300	199	11	1	211
Between 3,301 and 10,000	181	0	0	181
Between 10,001 and 50,000	98	0	0	98
Greater than 50,000	13	0	0	13
Total	523	21	54	598

Table 2

Population Served	Community Systems	NTNC Systems	TNC Systems	Total Number of Systems
Less than 501	5.4 %	8.9 %	1.7 %	15.94 %
Between 501 and 3,300	33.3 %	0.2 %	1.8 %	35.3 %
Between 3,301 and 10,000	30.3 %	0.0 %	0.0 %	30.3 %
Between 10,001 and 50,000	16.4 %	0.0 %	0.0 %	16.4 %
Greater than 50,000	2.12%	0.0 %	0.0 %	2.2%
Total	87.5 %	9.0 %	3.5 %	100.0 %

A total of 1,873,381 customers are served by the 598 water systems in Alabama. Of this total, 1,871,549 customers were served by community water systems, 37 customers were served by NTNC water systems and 1,795 customers were served by TNC water systems. Because NTNC water systems are primarily industries and schools and transient non-community systems are parks and restaurants, customers in that category more accurately reflect connections or taps for the same customer rather than distinct individual customers. One thousand and four hundred and nineteen (1419) groundwater sources and one hundred and twenty surface water sources provided water to the States' drinking water systems.

Water System Violations and Compliance

Of the 598 PWSs, 87.0% were in compliance with drinking water standards in 2014. 88.5% of the community systems, 81.0% of the NTNC systems and 74.1% of the TNC systems remained in compliance throughout 2014.

Chart 1 (below) shows the percentage of systems in violation by size for each type of violation, Chart 2 shows the number of systems that have returned to compliance and Chart 3 shows the percentage of systems that have returned to compliance.

Chart 1: Percent of systems in Violation

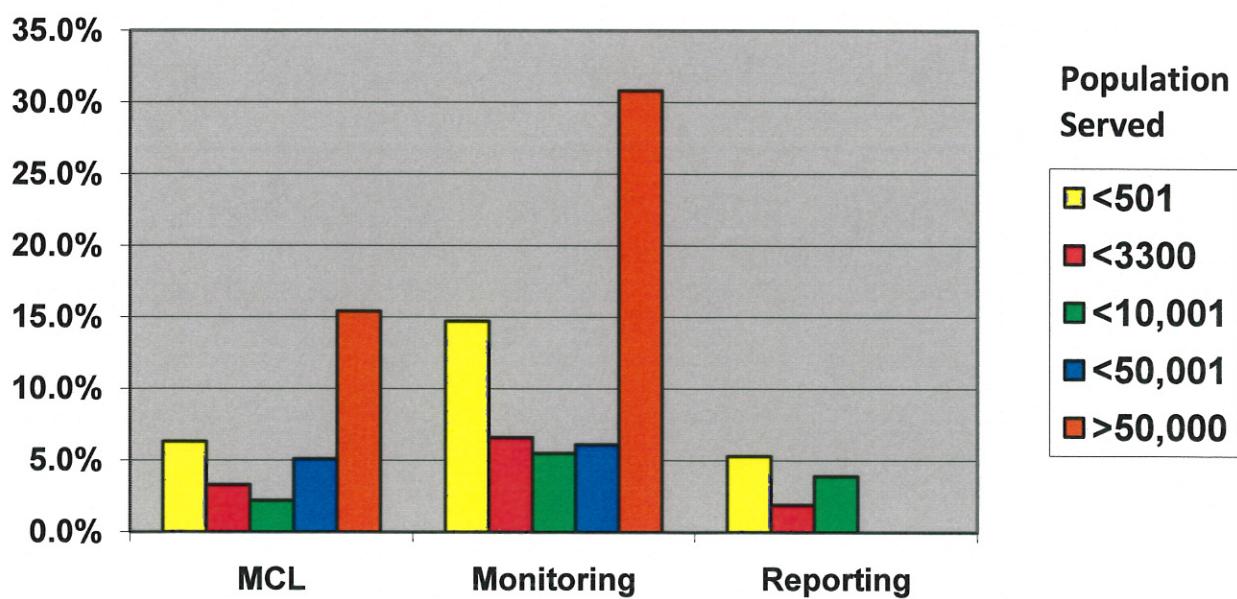


Chart 2: Number of Systems Returned to Compliance

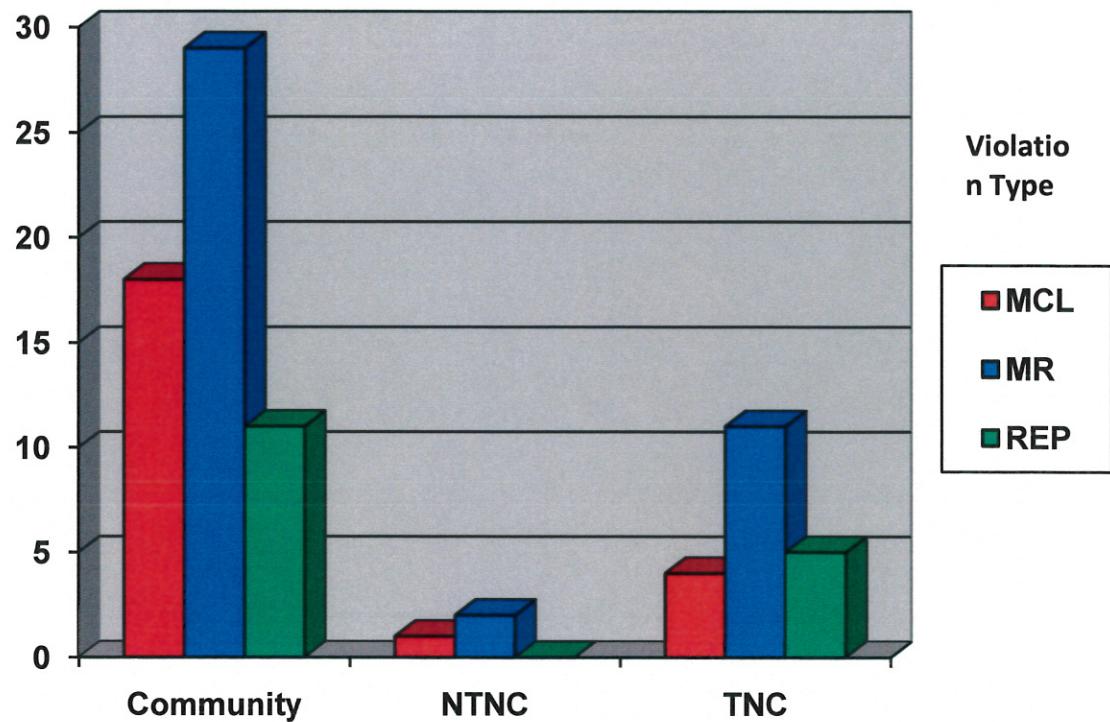
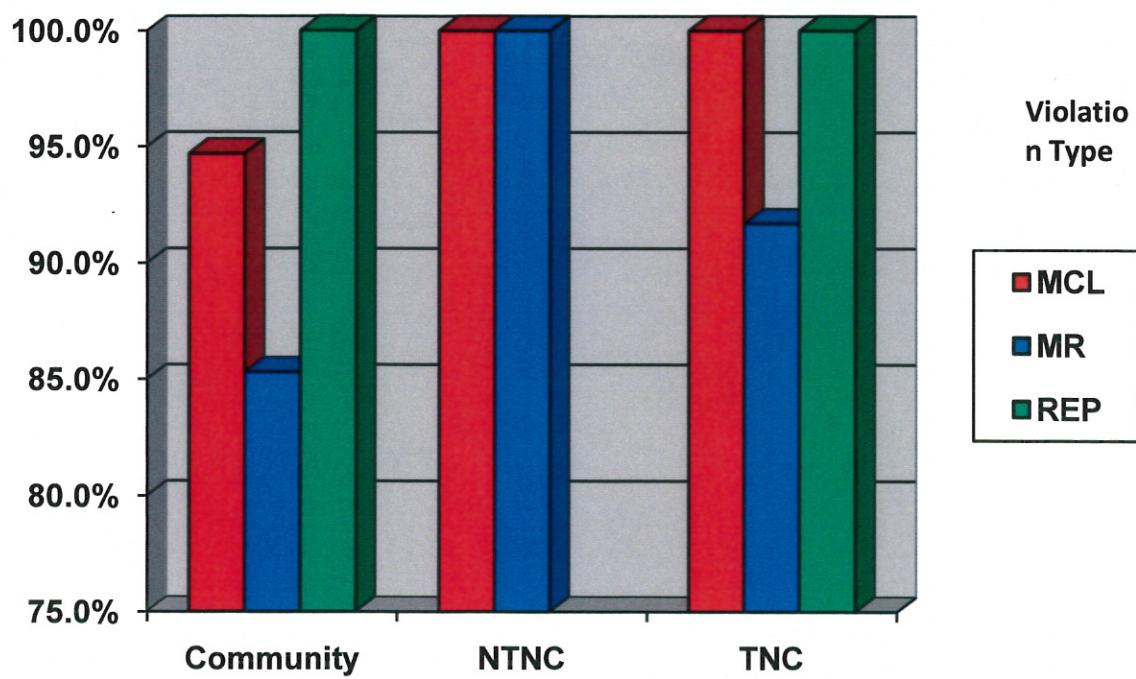


Chart 3: Percent of Systems Returned to Compliance



The remaining charts (charts 4-7) show the number of violations over the past five years by type of violation. There does not appear to be a particular trend in bacteriological violations and the sharp decrease in chemical violations is attributable to water systems becoming familiar with the new stage two disinfection byproduct rule.

Chart 4: Number of Systems with Bacteriological Violations for the Past 5 Years

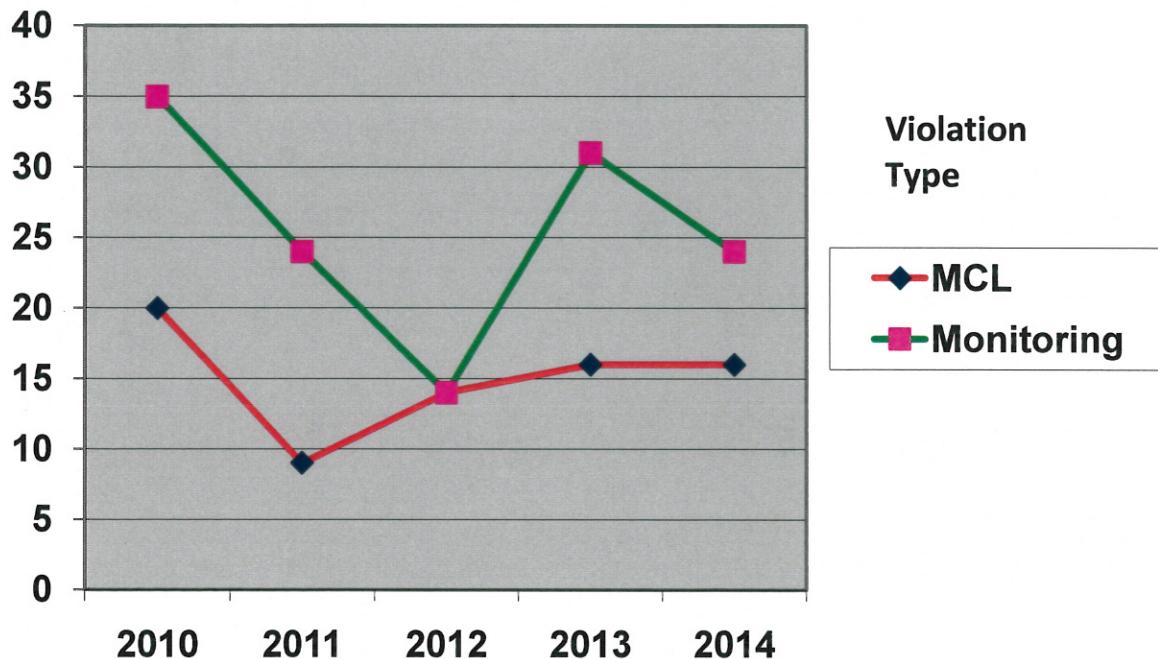


Chart 5: Number of Systems with Chemical Violations for the Past 5 Years

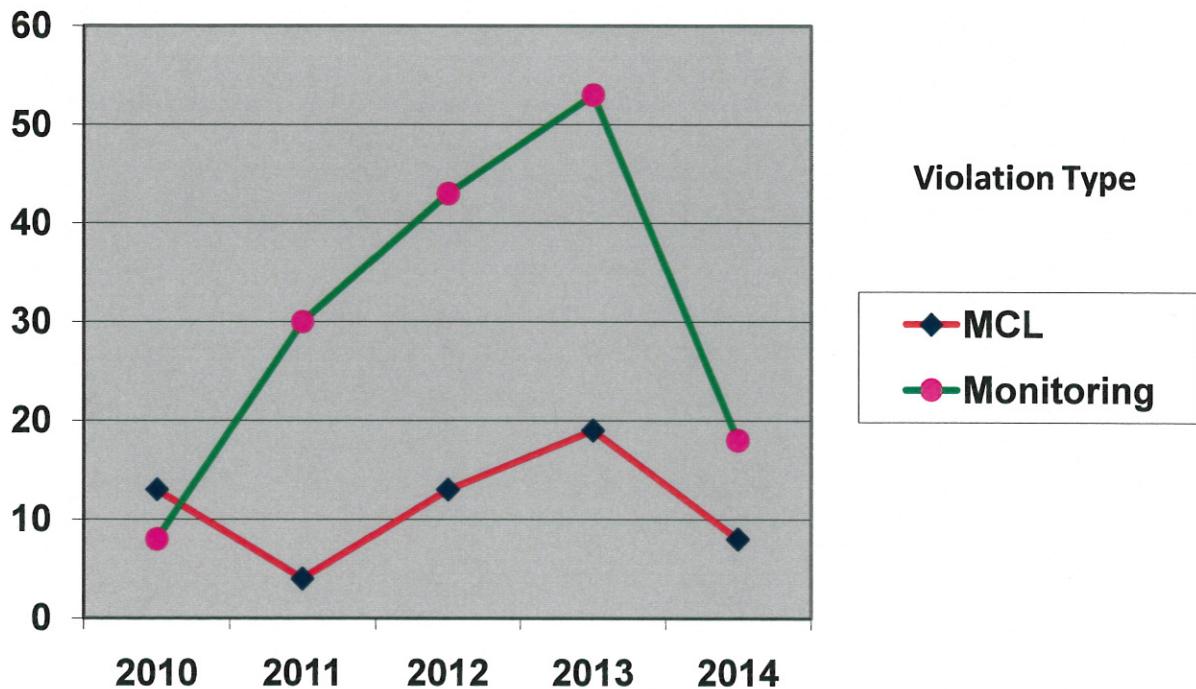


Chart 6: Number of Systems with Lead and Copper Violations for the Past 5 Years

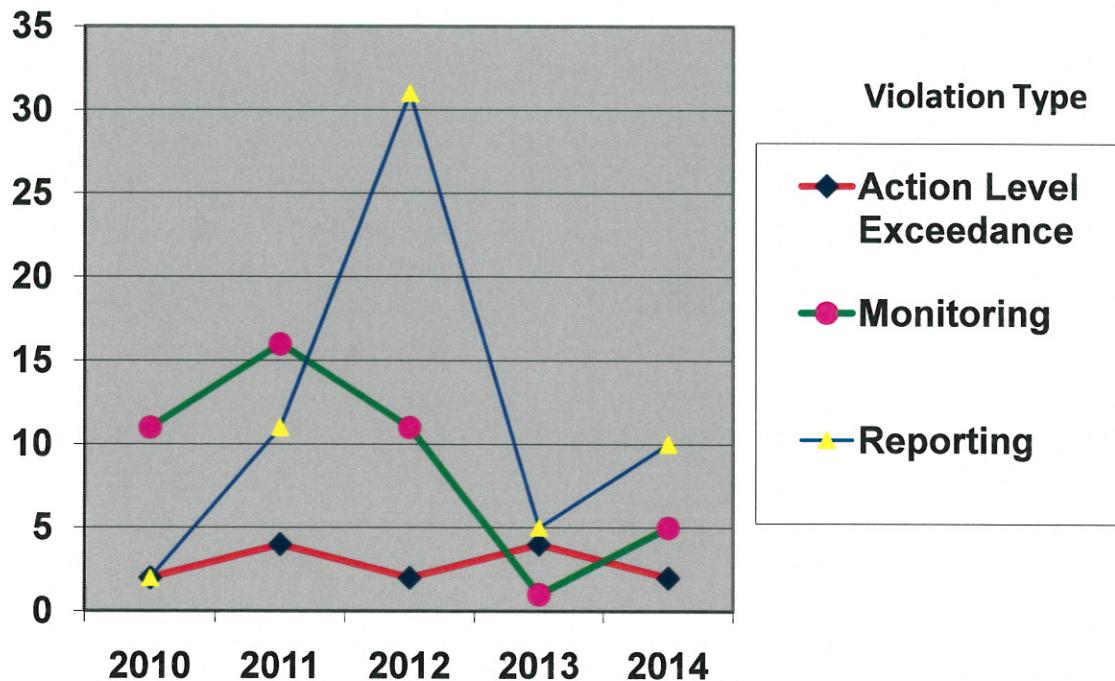
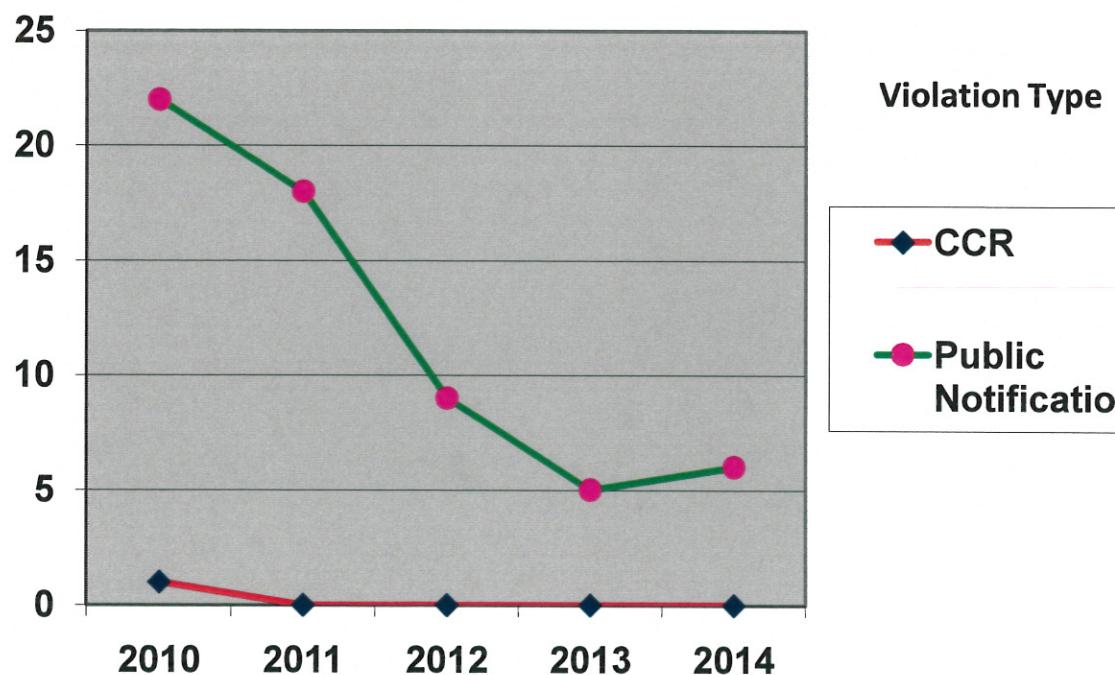


Chart 7: Number of Systems with Reporting Violations for the Past 5 Years



Maximum Contaminant Level (MCL), Major Monitoring and Treatment Technique Violations

System Name	Type of System	County	Monitoring Period	Contaminant	Violation Type
Abbeville Water Works & Sewer Board	C	Henry	October - December 2014	Lead and Copper	Major Routine Monitoring Violation
Abbeville Water Works & Sewer Board	C	Henry	July - September 2014	Volatile Organic Chemicals	Major Routine Monitoring Violation
Abbeville Water Works & Sewer Board	C	Henry	January - March 2014	Disinfection Byproducts	Major Routine Monitoring Violation
Akron Water System	C	Hale	April 2014	Total Coliform	Major Routine Reporting Violation
Akron Water System	C	Hale	August 2014	Total Coliform	Major Routine Reporting Violation
Akron Water System	C	Hale	July 2014	Total Coliform	Major Routine Reporting Violation
Akron Water System	C	Hale	June 2014	Total Coliform	Major Routine Reporting Violation
Akron Water System	C	Hale	September 2014	Total Coliform	Major Routine Reporting Violation
Akron Water System	C	Hale	2014	Disinfection Byproducts	Major Routine Reporting Violation
Ardmore Water System	C	Limestone	September - October 2014	Lead and Copper	Failure to Notify Consumers in the Required Timeframe
Ashland Water Works and Sewer	C	Clay	January - March 2014	Disinfection Byproducts	Major Routine Monitoring Violation
Auburn Water Works	C	Lee	January - March 2014	Trihalomethanes	Maximum Contaminant Level Violation
Beatrice Water System	C	Monroe	January - February 2014	Lead and Copper	Failure to Notify Consumers in the Required Timeframe
Bellwood Water & Fire Authority	C	Geneva	February 2014	Total Coliform	Major Routine Monitoring Violation
Big Oak Campground	N	Cherokee	March 2014	Public Notification	Failure to Notify Public in the Required Timeframe
Birmingham Water Works Board	C	Jefferson	April 2014	Turbidity	Major Routine Monitoring Violation
Blount County Water	C	Blount	January - March 2014	Disinfection Byproducts	Major Routine Monitoring Violation
Blount County Water	C	Blount	April - June 2014	Disinfection Byproducts	Major Routine Monitoring Violation
Blountsville Utilities Board	C	Blount	October - December 2014	Lead and Copper	Failure to Notify Consumers in the Required Timeframe
Bucks Pocket State Park	N	Dekalb	April 2014	E. Coli	Major Routine Monitoring Violation
Bucks Pocket State Park	N	Dekalb	April 2014	E. Coli	Maximum Contaminant Level Violation
Bucks Pocket State Park	C	Dekalb	August - September 2014	Public Notification	Failure to Notify Public in the Required Timeframe
Bucks Pocket State Park	N	Dekalb	June 2014	Total Coliform	Maximum Contaminant Level Violation
Butler County Water Authority	C	Butler	May 2014	Total Coliform	Maximum Contaminant Level Violation
Butler County Water Authority	C	Butler	September 2014	Total Coliform	Maximum Contaminant Level Violation
Camp Alamisco	C	Tallapoosa	August 2014	Public Notification	Failure to Notify Public in the Required Timeframe
Camp Alamisco	N	Tallapoosa	April 2014	Total Coliform	Major Routine Monitoring Violation
Camp Alamisco	N	Tallapoosa	June 2014	Total Coliform	Maximum Contaminant Level Violation
Canoe Water Works	C	Escambia	January 2014	Lead and Copper	Failure to Notify Consumers in the Required Timeframe
Canoe Water Works	C	Escambia	January 2014	Lead and Copper	Failure to Provide Public Education in the Required Timeframe
Cherokee Water & Gas Department	C	Colbert	October - December 2014	Lead and Copper	Major Routine Monitoring Violation
Clay County Water Authority	C	Clay	January - March 2014	Disinfection Byproducts	Major Routine Monitoring Violation
Cook Springs Water Authority	C	St. Clair	July - August 2014	Lead and Copper	Failure to Notify Consumers in the Required Timeframe
CWM Water Authority	C	Wilcox	April - June 2014	Haloacetic Acids	Maximum Contaminant Level Violation
CWM Water Authority	C	Wilcox	January - March 2014	Haloacetic Acids	Major Contaminant Level Violation
CWM Water Authority	C	Wilcox	April - June 2014	Trihalomethanes	Maximum Contaminant Level Violation
CWM Water Authority	C	Wilcox	January - March 2014	Trihalomethanes	Major Routine Level Violation
Decatur Municipal Utilities Board	C	Morgan	March 2014	Turbidity	Maximum Contaminant Level Violation
Deer Park-Vinegar Bend Water & FPA	C	Washington	November 2014	Total Coliform	Major Routine Monitoring Violation
Demopolis Water Works And Sewer Board	C	Marengo	January - March 2014	Disinfection Byproducts	Major Routine Monitoring Violation
Demopolis Water Works And Sewer Board	C	Marengo	April - June 2014	Disinfection Byproducts	Major Routine Monitoring Violation
Dora Utilities	C	Walter	January - March 2014	Disinfection Byproducts	Major Routine Monitoring Violation
Dora Utilities	C	Walker	April - June 2014	Disinfection Byproducts	Major Routine Monitoring Violation
Dora Utilities	C	Walker	July - September 2014	Disinfection Byproducts	Major Routine Monitoring Violation
Dothan Utilities	C	Houston	2014	Nitrate	Major Routine Monitoring Violation
Double Springs Water and Sewer Board	C	Winston	January - March 2014	Disinfection Byproducts	Major Routine Monitoring Violation

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Maximum Contaminant Level (MCL), Major Monitoring and Treatment Technique Violations

Double Springs Water and Sewer Board	C	Winston	April - June 2014	Disinfection Byproducts	Major Routine Monitoring Violation
Double Springs Water and Sewer Board	C	Winston	July - September 2014	Disinfection Byproducts	Major Routine Monitoring Violation
Double Springs Water and Sewer Board	C	Winston	October - December 2014	Lead and Copper	Major Routine Monitoring Violation
East Lauderdale County Water Authority	C	Lauderdale	February 2014	Total Coliform	Major Routine Monitoring Violation
Edwardsville Water & Fire Protection Authority	C	Cleburne	April - June 2014	Haloacetic Acids	Maximum Contaminant Level Violation
Edwardsville Water & Fire Protection Authority	C	Cleburne	January - March 2014	Haloacetic Acids	Maximum Contaminant Level Violation
Edwardsville Water & Fire Protection Authority	C	Cleburne	September - October 2014	Lead and Copper	Failure to Notify Consumers in the Required Timeframe
Eutaw Water Department	C	Greene	September 2014	Total Coliform	Maximum Contaminant Level Violation
Evergreen Estates	C	Montgomery	January - March 2014	Disinfection Byproducts	Major Routine Monitoring Violation
Evergreen Estates	C	Montgomery	July - September 2014	Disinfection Byproducts	Major Routine Monitoring Violation
Faunsdale Water Works	C	Marengo	September 2014	Total Coliform	Maximum Contaminant Level Violation
Friendship Water Works	C	Elmore	January - March 2014	Disinfection Byproducts	Major Routine Monitoring Violation
Friendship Water Works	C	Elmore	April - June 2014	Disinfection Byproducts	Major Routine Monitoring Violation
Green Park Mobile Home Park	C	Shelby	2014	Disinfection Byproducts	Major Routine Monitoring Violation
Golden Rod Broilers	P	Cullman	October - December 2014	Disinfection Byproducts	Major Routine Monitoring Violation
Goodwater Utilities Board	C	Coosa	April - June 2014	Disinfection Byproducts	Major Routine Monitoring Violation
Greenville Water Works	C	Butler	August 2014	E. Coli	Major Routine Monitoring Violation
Hackneyville Water & Fire Protection Authority	C	Tallapoosa	January - March 2014	Disinfection Byproducts	Major Routine Monitoring Violation
Hackneyville Water & Fire Protection Authority	C	Tallapoosa	April - June 2014	Disinfection Byproducts	Major Routine Monitoring Violation
Harpersville Water System	C	Shelby	January 2014	Total Coliform	Major Routine Monitoring Violation
Harpersville Water System	C	Shelby	October 2014	Total Coliform	Major Routine Monitoring Violation
Hayneville Water Department	C	Lowndes	August 2014	Total Coliform	Major Routine Monitoring Violation
Henry County Water Authority	C	Henry	October - December 2014	Gross Alpha	Major Routine Monitoring Violation
Highland Water Authority	C	Etowah	January - March 2014	Disinfection Byproducts	Major Routine Monitoring Violation
Highland Water Authority	C	Etowah	October 2014	Total Coliform	Major Contaminant Level Violation
Hobson City Water System	C	Calhoun	January - March 2014	Disinfection Byproducts	Major Routine Monitoring Violation
Hollins Water Authority	C	Coosa	October - December 2014	Lead and Copper	Major Contaminant Level Violation
Hubbard Landing	N	Baldwin	February 2014	Total Coliform	Major Routine Monitoring Violation
Hubbard Landing	N	Baldwin	January 2014	Total Coliform	Major Contaminant Level Violation
Huguley Water Authority	C	Chambers	January - March 2014	Haloacetic Acids	Major Routine Monitoring Violation
Jack Water System, Inc.	C	Coffee	June 2014	Total Coliform	Major Contaminant Level Violation
Lad Marina & Campground	N	Cherokee	February 2014	Total Coliform	Major Contaminant Level Violation
Lake Mitchell Water System	C	Chilton	January - May 2014	Lead and Copper	Major Routine Monitoring Violation
Lakeside Marina	N	Randolph	May 2014	Total Coliform	Major Routine Monitoring Violation
Leighton Water and Sewer Board	C	Colbert	2014	Disinfection Byproducts	Major Routine Monitoring Violation
Lemony Water System	C	Mobile	2014	Nitrate	Major Contaminant Level Violation
Limestone County Water System	C	Limestone	April - June 2014	Haloacetic Acids	Maximum Contaminant Level Violation
Limestone County Water System	C	Limestone	July - September 2014	Haloacetic Acids	Maximum Contaminant Level Violation
Limestone County Water System	C	Limestone	October - December 2014	Haloacetic Acids	Maximum Contaminant Level Violation
Little River State Forest	C	Escambia	May - June 2014	Public Notification	Failure to Notify Public in the Required Timeframe
Macon County Water Authority	C	Macon	July - September 2014	Trihalomethanes	Major Routine Monitoring Violation
Madison Water Works & Sewer	C	Madison	January - March 2014	Disinfection Byproducts	Major Routine Monitoring Violation
Madison Water Works & Sewer	C	Madison	April - June 2014	Disinfection Byproducts	Major Routine Monitoring Violation
Magnolia Springs Head Start Center	P	Baldwin	2014	Nitrate	Major Routine Monitoring Violation
Millerville Water and Fire Protection Authority	C	Clay	January - March 2014	Disinfection Byproducts	Failure to Notify Consumers in the Required Timeframe
Moundville Water Works	C	Hale	September 2014	Lead and Copper	Failure to Notify Consumers in the Required Timeframe
Newton Water Works Board	C	Dale	September 2014	Lead and Copper	Major Routine Monitoring Violation
North Baldwin Utilities	C	Baldwin	January - March 2014	Disinfection Byproducts	Major Routine Monitoring Violation
North Baldwin Utilities	C	Baldwin	April - June 2014	Disinfection Byproducts	Major Routine Monitoring Violation

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Maximum Contaminant Level (MCL), Major Monitoring and Treatment Technique Violations

Opelika Utilities	C	Lee	January - March 2014	Trihalomethanes	Maximum Contaminant Level Violation
Peach Queen KOA Campgrounds Water System	N	Chilton	March 2014	Total Coliform	Maximum Contaminant Level Violation
Phil Campbell Water Works	C	Franklin	September 2014	Total Coliform	Maximum Contaminant Level Violation
Ponderosa Bible Camp	N	Dekalb	April 2014	Public Notification	Failure to Notify Public in the Required Timeframe
Ponderosa Bible Camp	N	Dekalb	2014	E. Coli	Major Routine Monitoring Violation
Red Level Water Works	C	Covington	November 2014	Total Coliform	Maximum Contaminant Level Violation
Red's Catfish Cabin	N	Clay	May 2014	Total Coliform	Major Routine Monitoring Violation
Reform Water & Sewer Board	C	Pickens	September 2014	Total Coliform	Maximum Contaminant Level Violation
Silverhill Water System	C	Baldwin	September 2014	Public Notification	Failure to Notify Public in the Required Timeframe
South Gate Mobile Home Park	C	Shelby	2014	Disinfection Byproducts	Major Routine Monitoring Violation
South Marengo Water & Fire Protection Authority	C	Marengo	October - November 2014	Lead and Copper	Failure to Notify Consumers in the Required Timeframe
Speedys Catfish And Barbecue	N	Tallapoosa	May 2014	Total Coliform	Major Routine Monitoring Violation
Spring Valley Water Authority	C	Colbert	August - September 2014	Lead and Copper	Failure to Notify Consumers in the Required Timeframe
Springville Water Works	C	St. Clair	April - June 2014	Disinfection Byproducts	Major Routine Monitoring Violation
Tate & Lyle Sucralose	P	Washington	April 2014	Total Coliform	Maximum Contaminant Level Violation
Taylor Water System	C	Houston	July 2014	Lead and Copper	Failure to Notify Consumers in the Required Timeframe
Tillison Bend Water Authority	C	Etowah	January - March 2014	Disinfection Byproducts	Major Routine Monitoring Violation
Tuscaloosa Water & Sewer	C	Tuscaloosa	September 2014	Chlorite	Major Routine Monitoring Violation
Tuskegee Utilities Board	C	Macon	April - June 2014	Trihalomethanes	Maximum Contaminant Level Violation
Union Springs Water System	C	Bullock	January - March 2014	Water Quality Parameters	Major Routine Monitoring Violation
Wedowee Water, Sewer, & Gas Board	C	Randolph	January - March 2014	Disinfection Byproducts	Major Routine Monitoring Violation
Wedowee Water, Sewer, & Gas Board	C	Randolph	April - June 2014	Disinfection Byproducts	Major Routine Monitoring Violation
Wedowee Water, Sewer, & Gas Board	C	Randolph	October - December 2014	Lead and Copper	Major Routine Monitoring Violation
West Lauderdale County Water & FPA	C	Lauderdale	September 2014	Total Coliform	Maximum Contaminant Level Violation

Violations Table

State: Alabama	
Reporting Interval: 2014	

ORGANIC CONTAMINANTS	MCL (mg/l)	MCLs		Treatment Techniques	Significant Monitoring/Reporting	
		Number of Violations	Number of Systems with Violations		Number of Violations	Number of Systems with Violations
1,1,1-Trichloroethane	0.2	0	0		1	1
1,1,2-Trichloroethane	0.005	0	0		1	1
1,1-Dichloroethylene	0.007	0	0		1	1
1,2,4-Trichlorobenzene	0.07	0	0		1	1
1,2-Dibromo-3-chloropropane (DBCP)	0.0002	0	0		0	0
1,2-Dichloroethane	0.005	0	0		1	1
1,2-Dichloropropane	0.005	0	0		1	1
2,3,7,8-TCDD (Dioxin)	3×10^{-8}	0	0		0	0
2,4,5-TP	0.05	0	0		0	0
2,4-D	0.07	0	0		0	0
Acyrlamide				0	0	
Alachlor	0.002	0	0		0	0

State: Alabama

Reporting Interval: 2014

	MCL (mg/l)	MCLs		Treatment Techniques		Significant Monitoring/Reporting	
		Number of Violations	Number of Systems with Violations	Number of Violations	Number of Systems with Violations	Number of Violations	Number of Systems with Violations
Atrazine	0.003	0	0	0	0	0	0
Benzene	0.005	0	0	1	1	1	1
Benzo[a]pyrene	0.0002	0	0	0	0	0	0
Carbofuran	0.04	0	0	0	0	0	0
Carbon Tetrachloride	0.005	0	0	1	1	1	1
Chlordane	0.002	0	0	0	0	0	0
cis-1,2-Dichloroethylene	0.07	0	0	1	1	1	1
Dalapon	0.2	0	0	0	0	0	0
Di(2-ethylhexyl)adipate	0.4	0	0	0	0	0	0
Di(2-ethylhexyl)phthalate	0.006	0	0	0	0	0	0
Dichloromethane	0.005	0	0	1	1	1	1
Dinoseb	0.007	0	0	0	0	0	0
Diquat	0.02	0	0	0	0	0	0
Endothall	0.1	0	0	0	0	0	0
Endrin	0.002	0	0	0	0	0	0
Epichlorohydrin				0	0		
Ethylbenzene	0.7	0	0	1	1	1	1

State: Alabama**Reporting Interval: 2014**

	MCL (mg/l)	Number of Violations	MCLs	Number of Systems with Violations	Treatment Techniques	Significant Monitoring/Reporting	
						Number of Systems with Violations	Number of Violations
Ethlene dibromide	0.0005	0	0			0	0
Glyphosate	0.7	0	0			0	0
Heptachlor	0.0004	0	0			0	0
Heptachlor epoxide	0.0002	0	0			0	0
Hexachlorobenzene	0.001	0	0			0	0
Hexachloropentadiene	0.05	0	0			0	0
Lindane	0.0002	0	0			0	0
Methoxychlor	0.04	0	0			0	0
Monochlorobenzene	0.1	0	0			1	1
o-Dichlorobenzene	0.6	0	0			1	1
Oxamyl (Vydate)	0.2	0	0			0	0
para-Dichlorobenzene	0.075	0	0			1	1
Pentachlorophenol	0.001	0	0			0	0
Picloram	0.5	0	0			0	0
Simazine	0.004	0	0			0	0
Styrene	0.1	0	0			1	1
Tetrachloroethylene	0.005	0	0			1	1

State: Alabama**Reporting Interval: 2014**

	MCL (mg/l)	MCLs		Treatment Techniques		Significant Monitoring/Reporting	
		Number of Violations	Number of Systems with Violations	Number of Violations	Number of Systems with Violations	Number of Violations	Number of Systems with Violations
Toluene	1	0	0			1	1
Total polychlorinated biphenyls	0.0005	0	0			0	0
Toxaphene	0.003	0	0			0	0
trans-1,2-Dichloroethylene	0.1	0	0			1	1
Trichloroethylene	0.005	0	0			1	1
Vinyl chloride	0.002	0	0			1	1
Xylenes (total)	10	0	0			1	1
Total trihalomethanes	0.08	6	5			35	23
Haloacetic acids	0.06	7	3			36	24
Chlorite	1.0	0	0			1	1
Bromate	0.01	0	0			0	0
Total organic carbon						0	0
Subtotal		13	7	0	0	93	46

State: Alabama**Reporting Interval: 2014**

	MCL (mg/l)	MCLs		Treatment Techniques		Significant Monitoring/Reporting	
		Number of Violations	Number of Systems with Violations	Number of Violations	Number of Systems with Violations	Number of Violations	Number of Systems with Violations
INORGANIC CONTAMINANTS							
Antimony	0.006	0	0			0	0
Arsenic	0.05	0	0			0	0
Asbestos	7 million fibers/1 ≤ 10 um long	0	0			0	0
Barium	2	0	0			0	0
Beryllium	0.004	0	0			0	0
Cadmium	0.005	0	0			0	0
Chromium	0.1	0	0			0	0
Cyanide (as free cyanide)	0.2	0	0			0	0
Fluoride	4	0	0			0	0
Mercury	0.002	0	0			0	0
Nitrate	10	0	0			3	3
Nitrite	1	0	0			0	0
Selenium	0.05	0	0			0	0

State: Alabama
Reporting Interval: 2014

	MCL (mg/l)	MCLs		Treatment Techniques		Significant Monitoring/Reporting	
		Number of Violations	Number of Systems with Violations	Number of Violations	Number of Systems with Violations	Number of Violations	Number of Systems with Violations
Thallium	0.002	0	0	0	0	0	0
Total nitrate and nitrite	10	0	0	0	0	0	0
Subtotal		0	0	0	0	3	3

State: Alabama

Reporting Interval: 2014

	MCL (mg/l)	Number of Violations	Number of Systems with Violations	Treatment Techniques		Significant Monitoring/Reporting	
				Number of Violations	Number of Systems with Violations	Number of Violations	Number of Systems with Violations
RADIONUCLEIDE CONTAMINANTS							
Gross alpha	15 pCi/l	1	1			0	0
Radium-226 and radium-228	5 pCi/l	0	0			0	0
Gross beta	4 mrem/yr	0	0			0	0
	Subtotal	1	1			0	0

State: Alabama

Reporting Interval: 2014

	MCL (mg/l)	MCLs		Treatment Techniques		Significant Monitoring/Reporting	
		Number of Violations	Number of Systems with Violations	Number of Violations	Number of Systems with Violations	Number of Violations	Number of Systems with Violations
MICROBIOLOGICAL Contaminants							
Acute MCL violation	Presence	1	1				
Non-acute MCL violation	Presence	17	16				
Major routine and follow up monitoring							
Sanitary survey						0	0
	Subtotal	18	16			15	9

State: Alabama
Reporting Interval: 2014

	MCL (mg/l)	Number of Violations	Number of Systems with Violations	Treatment Techniques		Significant Monitoring/Reporting	
				Number of Violations	Number of Systems with Violations	Number of Violations	Number of Systems with Violations
Surface Water Treatment Rule							
Filtered systems							
Monitoring, routine/repeat							
Treatment techniques				0	0		
Unfiltered systems*							
Monitoring, routine/repeat						0	0
Failure to filter				0	0		
Subtotal				0	0	2	2

*There are no unfiltered surface source systems in Alabama.

State: Alabama

Reporting Interval: 2014

	MCL (mg/l)	Number of Violations	Number of Systems with Violations	Treatment Techniques		Significant Monitoring/Reporting	
				Number of Violations	Number of Systems with Violations	Number of Violations	Number of Systems with Violations
Lead and Copper Rule							
Initial lead and copper tap M/R						1	1
Follow up or routine lead and copper tap M/R						6	6
Treatment installation required		0	0				
Public education required		0	0				
Failure to Notify Customers						12	11
Subtotal		0	0			19	18

State: Alabama

Reporting Interval: 2014

	MCL (mg/l)	MCLs		Treatment Techniques		Significant Monitoring/Reporting	
		Number of Violations	Number of Systems with Violations	Number of Violations	Number of Systems with Violations	Number of Violations	Number of Systems with Violations
Consumer Confidence Rule						0	0
Public Notification Rule						6	6
Groundwater Rule				0	0	3	3